

Attorney Reference: \_\_\_\_\_  
Client Reference: P03EC065/US

**DECLARATION AND POWER OF ATTORNEY  
RULE 63 (37 C.F.R. 1.63) FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED:**  
**APPARATUS AND METHOD OF DECISION FEEDBACK EQUALIZATION IN TERRESTRIAL DIGITAL BROADCASTING RECEIVER**

the specification of which: (check one applicable box)

A. ☐ is attached hereto.

B. ☐ was filed on \_\_\_\_\_

as U.S. Application No. \_\_\_\_\_ /

C. ☒ was filed as PCT International Application No. PCT/ KR2004/000707 on 27/03/2004

and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

**PRIOR FOREIGN APPLICATION(S)**

<u>Application/Patent Number</u>	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Date first laid open/published</u>	<u>Patent/Grant date</u>	<u>No priority claimed</u>
10-2003-0082725	Republic of Korea	20/11/2003			

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

**PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)**

<u>Application Number</u>	<u>Day/Month/Year filed</u>	<u>Status (pending/abandoned/patented)</u>	<u>No priority claimed</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon;

And I hereby appoint Mayer Brown Rowe & Maw LLP, Intellectual Property Group (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 43569, as set forth below, individually and collectively, as my counsel to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer Number the names of persons no longer with their firm, to add new persons of their firm to that Customer Number, and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or an attorney of that firm in writing to the contrary.

**USE ONLY FOR  
MAYER BROWN ROWE & MAW LLP  
WASHINGTON, D.C.**

**\*000043569\***

(Customer No. for communications)

(1) INVENTOR'S SIGNATURE: Sung Ik Park

Date: 2006. 4. 28

Name	Sung-Ik	PARK
First	Middle Initial	Family Name
Residence	Daejeon	Republic of Korea
City	State/Foreign Country	Country of Citizenship
Mailing Address	146-14, Sinseong-dong, Yuseong-gu, Daejeon 305-804, Republic of Korea	

(2) INVENTOR'S SIGNATURE: \_\_\_\_\_

Date: \_\_\_\_\_

Name	Seung-Won	KIM
First	Middle Initial	Family Name
Residence	Daejeon	Republic of Korea
City	State/Foreign Country	Country of Citizenship
Mailing Address	#109-1804 Narae Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-729, Republic of Korea	

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☒ FOR ADDITIONAL INVENTORS, see attached page.

☐ See additional foreign priorities on attached page (incorporated herein by reference).

# **DECLARATION AND POWER OF ATTORNEY (continued)**

## **ADDITIONAL INVENTORS:**

**(3) INVENTOR'S SIGNATURE:**

**Date:**

Name	Hyoung-Nam		KIM
	First	Middle Initial	Family Name
Residence	Busan	Republic of Korea	Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address	San 30, Jangjeon-dong, Geumjeong-qu, Busan 609-836, Republic of Korea		

**(4) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence		Republic of Korea	Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(5) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(6) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(7) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(8) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(9) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

**(10) INVENTOR'S SIGNATURE:**

**Date:**

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

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Attorney Reference: \_\_\_\_\_  
 Client Reference: P03EC085/US

**DECLARATION AND POWER OF ATTORNEY  
 RULE 63 (37 C.F.R. 1.83) FOR PATENT APPLICATION  
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 BROADCASTING RECEIVER**

the specification of which: (check one applicable box)

A. ☐ is attached hereto.

B. ☐ was filed on \_\_\_\_\_

as U.S. Application No. \_\_\_\_\_ /

C. ☒ was filed as PCT International Application No. PCT/ KR2004/000707 on 27/03/2004

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**PRIOR FOREIGN APPLICATION(S)**

Application/Patent Number	Country	Day/Month/Year filed	Date first laid open/published	Patent/Grant date	No priority claimed
10-2003-0082725	Republic of Korea	20/11/2003			

If more prior foreign applications, X box at bottom and continue on attached page.

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**PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)**

Application Number	Day/Month/Year filed	Status (pending/abandoned/patented)	No priority claimed

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**USE ONLY FOR  
 MAYER BROWN ROWE & MAW LLP  
 WASHINGTON, D.C.**

**\*000043569\***

(Customer No. for communications)

**(1) INVENTOR'S SIGNATURE:**

Date:

Name	Sung-Ik	PARK
First	Middle Initial	Family Name
Residence	Daejeon	Republic of Korea
City	State/Foreign Country	Country of Citizenship
Mailing Address	148-14, Sinseong-dong, Yuseong-gu, Daejeon 305-804, Republic of Korea	

**(2) INVENTOR'S SIGNATURE:**

Date:

Name	Seung-Won	KIM
First	Middle Initial	Family Name
Residence	Daejeon	Republic of Korea
City	State/Foreign Country	Country of Citizenship
Mailing Address	#109-1804 Narae Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-729, Republic of Korea	

수신시간 4월24일 12:13PM

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☒ FOR ADDITIONAL INVENTORS, see attached page.  
☐ See additional foreign priorities on attached page (incorporated herein by reference).  
**DECLARATION AND POWER OF ATTORNEY (continued)**  
ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:			Date:		
Name	Hyoung-Nam				KIM
	First	Middle Initial	Family Name		
Residence	Busan		Republic of Korea		Republic of Korea
	City	State/Foreign Country	Country of Citizenship		
Mailing Address	San 30, Jangjeon-dong, Geumjeong-gu, Busan 609-836, Republic of Korea				

  

(4) INVENTOR'S SIGNATURE:			Date:		
Name					
	First	Middle Initial	Family Name		
Residence			Republic of Korea		Republic of Korea
	City	State/Foreign Country	Country of Citizenship		
Mailing Address					

  

(5) INVENTOR'S SIGNATURE:			Date:		
Name					
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Residence					
	City	State/Foreign Country	Country of Citizenship		
Mailing Address					

  

(6) INVENTOR'S SIGNATURE:			Date:		
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Residence					
	City	State/Foreign Country	Country of Citizenship		
Mailing Address					

  

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Mailing Address					

  

(8) INVENTOR'S SIGNATURE:			Date:		
Name					
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Mailing Address					

  

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Mailing Address					

  

(10) INVENTOR'S SIGNATURE:			Date:		
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B. ☐ was filed on \_\_\_\_\_

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**USE ONLY FOR  
 MAYER BROWN ROWE & MAW LLP  
 WASHINGTON, D.C.**

**\*000043569\***

(Customer No. for communications)

**(1) INVENTOR'S SIGNATURE:**

Date:

Name	Sung-Ik	PARK	
First	Middle Initial	Family Name	
Residence	Daejon	Republic of Korea	Republic of Korea
City	State/Foreign Country		Country of Citizenship
Mailing Address	146-14, Sinseong-dong, Yuseong-gu, Daejon 305-804, Republic of Korea		

**(2) INVENTOR'S SIGNATURE:**

Date:

Name	Seung-Won	KIM	
First	Middle Initial	Family Name	
Residence	Daejon	Republic of Korea	Republic of Korea
City	State/Foreign Country		Country of Citizenship
Mailing Address	#109-1804 Narae Apt., Jeonmin-dong, Yuseong-gu, Daejon 305-729, Republic of Korea		

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☒ FOR ADDITIONAL INVENTORS, see attached page.

☐ See additional foreign priorities on attached page (incorporated herein by reference).

**DECLARATION AND POWER OF ATTORNEY (continued)**  
**ADDITIONAL INVENTORS:**

(3) INVENTOR'S SIGNATURE:

Date: 28/04/2006

Name	Hyoung-Nam		KIM
	First	Middle Initial	Family Name
Residence	Busan		Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address	San 30, Jangjeon-dong, Geumjeong-gu, Busan 609-836, Republic of Korea		

(4) INVENTOR'S SIGNATURE:

Date:

Name			
	First	Middle Initial	Family Name
Residence			Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

(5) INVENTOR'S SIGNATURE:

Date:

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	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

(6) INVENTOR'S SIGNATURE:

Date:

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Mailing Address			

(7) INVENTOR'S SIGNATURE:

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Mailing Address			

(8) INVENTOR'S SIGNATURE:

Date:

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	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

(9) INVENTOR'S SIGNATURE:

Date:

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	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

(10) INVENTOR'S SIGNATURE:

Date:

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			

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IAP12 Rec'd PCT/PTO - 8 MAY 2006

## SUBMISSION OF CORRECTION

To: Commissioner of  
the Korean Intellectual Property Office

International Application No.		PCT/KR2004/000707	International Filing Date	27/03/2004	Priority Date	20/11/2003
Applicant	Name	Electronics and Telecommunications Research Institute et al.			Country of Nationality	Republic of Korea
	Address	161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea				
Agent	Name	Shinsung Patent Firm	Agent's Code	9-2000-100004-8	Tel. No.	82-2-555-7503
	Address	Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-ku, Seoul 135-924 Republic of Korea				
Date of Invitation						
Material(s) to be Corrected		Power of Attorney				
Contents of Remedy		See Attached Document				

Submitted hereby is a correction pursuant to Article 101(2) of the Enforcement Regulations of the Patent Law

Date(day/month/year) 27 / 04 / 2004

Applicant (Agent) Shinsung Patent Firm.



\* Attached Document(s)

1. Three Copies of Power of Attorney

## GENERAL POWER OF ATTORNEY

Agent

Name : SHINSUNG PATENT FIRM

Address : Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-ku  
Seoul 135-924, Republic of Korea

I/We, the undersigned, do hereby appoint the above-identified agent  
as my/our agent to act for me/us in proceedings concerning all of  
my/our International Applications.

Date : September 16, 2002

Applicant

Name : Electronics and Telecommunications Research Institute

Address : 161, Gajong-dong, Yuseong-gu, Daejeon, 305-350;  
Republic of Korea



# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)  
(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

**Sung-Ik Park**

hereby appoints(appoint) the following person as:

☒ agent

☐ common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation, The address must include postal code and name of country.)

SHINSUNG PATENT FIRM

Haechon Bldg., 741-40, Yeoksam 1-dong, Kangnam-gu  
Seoul 135-924, Republic of Korea

to represent the undersigned before

☒ all the competent International Authorities

☐ the International Searching Authority only

☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: \*

Applicant's or agent's file reference: P03EC065/PCT

International application number (if already available): PCT/KR2004/000707

filed with the following Office Korean Intellectual Property Office as receiving office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Name : Sung-Ik Park

(Signature)

Address : 146-14, Sinseong-dong, Yuseong-gu, Daejeon 305-804,  
Republic of Korea

Date:

2004, 3, 25

Form PCT/Model of power of attorney (for a given international application)(July 1992)

\*APPARATUS AND METHOD OF DECISION FEEDBACK EQUALIZATION IN TERRESTRIAL  
DIGITAL BROADCASTING RECEIVER

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)  
(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

**Seung-Won Kim**

hereby appoints(appoint) the following person as: ☒ agent ☐ common representative

### Name and address

(Family name followed by given name; for a legal entity, full official designation, The address must include postal code and name of country.)

SHINSUNG PATENT FIRM

Haechon Bldg., 741-40, Yeoksam 1-dong, Kangnam-gu  
Seoul 135-924, Republic of Korea

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Name : Seung-Won Kim



Address : #109-1804 Narae Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-729,  
Republic of Korea

Date: 2004. 3. 25

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# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)  
(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

**Hyoung-Nam Kim**

hereby appoints(appoint) the following person as:

☒ agent

☐ common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation, The address must include postal code and name of country.)

SHINSUNG PATENT FIRM

Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-gu  
Seoul 135-924, Republic of Korea

to represent the undersigned before

☒ all the competent International Authorities

☐ the International Searching Authority only

☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

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Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Name : Hyoung-Nam Kim

Address : San 30, Jangjeon-dong, Geumjeong-gu, Busan 609-836,  
Republic of Korea

Date: Mar. 25, 2004

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